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June 26, 1957

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JUST <u>22</u>	NEXT REV <u>2010</u>	AUTH: <u>NR 70-2</u>

Dear

We have considered further your request for overtime work to be used to shorten the time required to build the first model of the AS-3 equipment.

Although it is our general policy to work people overtime only in emergency situations, we have prevailed upon the engineers and model shop people assigned to this work and they have agreed to work up to 20 extra hours per week each. This will probably be scheduled as two nights a week plus Saturday. We have further asked these people to delay their vacations from the usual period in August until after the first model is completed.

We estimate that the initiation of an accelerated schedule of this sort will allow us to strive for a completion date of September 30th, or sooner if possible, for the first model. We will make all possible effort to complete this work as rapidly as possible.

If you concur with this proposal for an accelerated schedule, would you kindly initiate with your contract division an authorization to begin overtime work at our customary time-and-a-half rate paid such employees for this type of extra work.

It would be unjust not to point out that the decision on packaging of this system was delayed somewhat due to the lack of the government-furnished units which include the printer and receiver for the system. Now that the printer has been received, we have made up our proposal on operational packaging of the system. A sketch of the suggested arrangement is attached.

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In this packaging method, the DC power supply AP/BA-3 performs the interconnection function for the system. The AC power supply AP/AC-3 supplies low voltage DC to this DC power supply as noted in Progress Report No. 4. The AC power supply can also be used as a battery charger. These units give the AS-3 system a maximum degree of versatility, both in method of operation and in volume and weight.

When placed in its normal operating position on the table, the keyer unit will plug into the right side of the DC power unit. The receiver and transmitter will plug into the front of the DC power unit and the printer will plug into the left side. The storage battery, when used, will plug into the back of the DC power unit. Operating controls will be on the top surface of all units except the transmitter and receiver where certain controls will appear on the front as well. Antenna connections will be made separately from the plug system described above.

Your comments on this proposal as early as possible will be appreciated.

Very truly yours,

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Vice President  
In Charge of Engineering

JAD:as

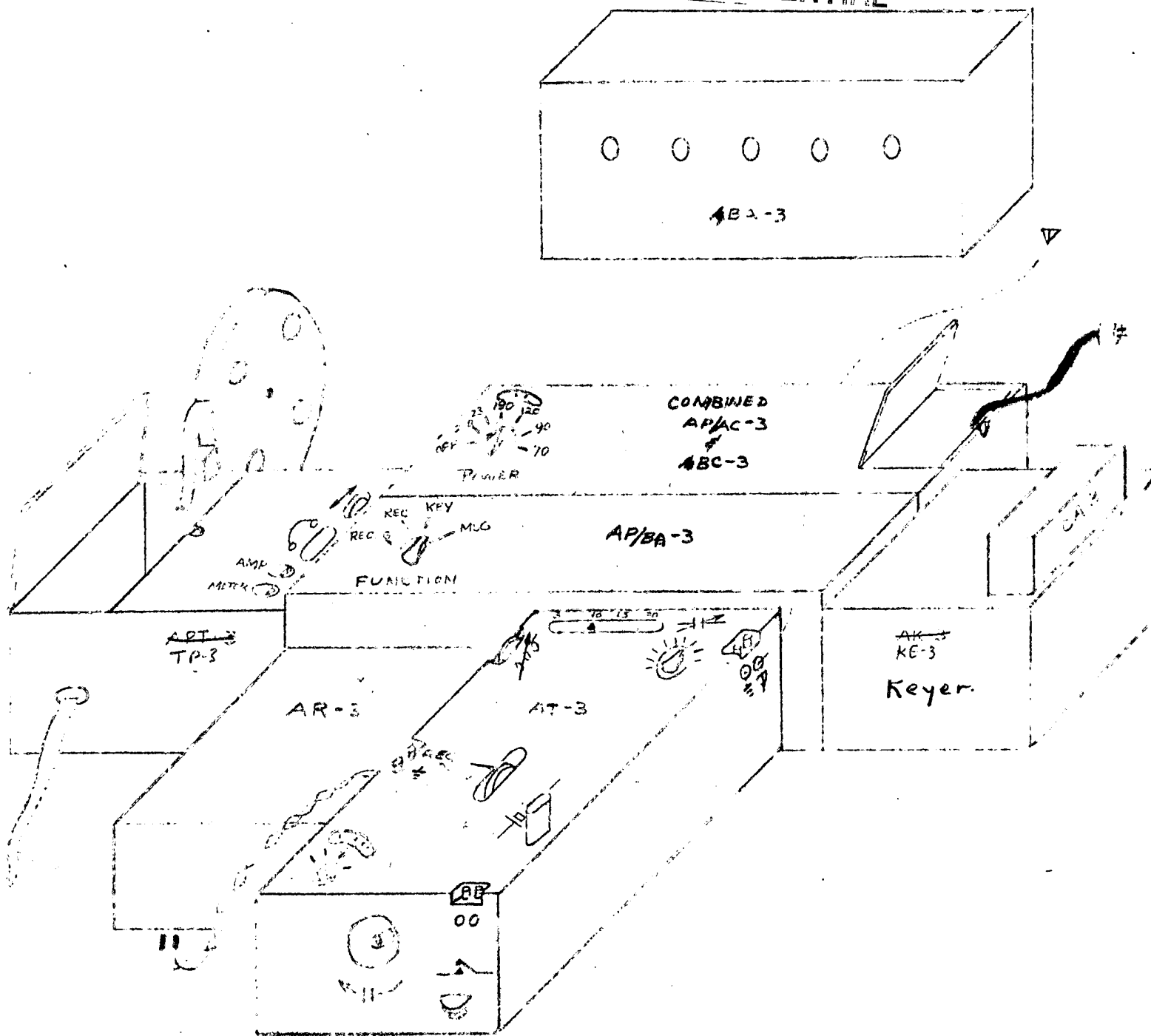
Attach: Sketch RWH-570627-2 (2 copies)

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EA:		USED IN			AS-3 SYSTEM PACKAGE PARTIAL		
MODEL SHOP				REF:		MAT:	
MAKE					FIN:		
DATE:					SK:		
					RW-670627-2		
					DWG:		

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